



NITFS

Compliance Registration



Product: **VItecPC, Version 4.1.1, Build May 2, 2003**
With NTM module U2.4 and RULER, Version 12.0

Sponsor: **BAE Systems**

Developer: **BAE Systems**

- Initial Registration
- Supplemental/Update # **2019**
- Derived from Reg. #

Complexity Level						
NITF 2.1 CLEVEL						
Interpret		3	5	6	7	
Generate						
NITF 2.0 CLEVEL						
Interpret		1	2	3	4	5
Generate						6 Oth

Configurations Tested:

- PENTIUM

Operating Systems: MS Windows NT w/ SP 6A and XP
with RULER version 12.0 and NTM Module U2.4
software plug-ins for National Technical Means capability

System
N-0105/98, §4.1.1

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

** NITF 2.0 feature

* NITF 2.1 feature

NITFS Features Implemented:

Format

- NITF
- v2.1
- v2.0
- v1.1
- NSIF
- v1.0

Image Segment Types

- MONO
- RGB
- RGB/LUT
- YCbCr
- MULTI
- NODISPLY
- POLAR

Pixel Value Types

- Boolean
- Integer
- Signed Integer *
- IEEE Real *
- IEEE Complex *

Image Compression

- Not Compressed
- JPEG Lossy, 8-bit
- JPEG Lossy, 12-bit
- JPEG Downsample
- JPEG Lossless
- JPEG 2000
- Bi-Level
- Vector Quantization
- Multispectral JPEG, Individual Band

Annotation Segment Types

- Bit Mapped **
- CGM, 2301
- CGM, 2301A
- Labels **

Text Segments

- STA
- UT1
- U8S
- MTF

Data Extension Segments

- TRE OVERFLOW
- STREAMING FILE HEADER
- Controlled Extensions **
- Registered Extensions **

Tagged Record Extensions

- PIAE
- NSDE
- ICHIPB
- IOMAPA
- NBLOCA
- RPC00B
- USE00A
- STDIDC

Fully implemented
 Partially implemented
 Not implemented

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.


EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to the National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program